

METHOD FOR OPERATING A PULSE TUBE CRYOCOOLER
SYSTEM WITH MEAN PRESSURE VARIATIONS

ABSTRACT

A method for operating a pulse tube cryocooler system wherein in the event the mean pressure of the working gas within the fixed volume of the cryocooler undergoes a change, the operation of the system is kept from severe degradation by changing the frequency of the pressure wave generator driving the cryocooler directly with the change in the mean pressure.